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RJP/SAS:gte 2/18/04 4616-64091 255071 MJC01/60485/US , ,

AR/645

PATENT

Attorney Reference Number 4616-64091

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Te application of: Michael A. Kuzyk, et al.

Application No. 09/677,374

Filed: September 15, 2000

Confirmation No. 2747

For: VACCINES AND AGENTS FOR

INDUCING IMMUNITY IN FISH AGAINST RICKETTSIAL DISEASES, AND ASSOCIATED PREVENTATIVE

THERAPY

Examiner: Vanessa L. Ford

Art Unit: 1645

Attorney Reference No. 4616-64091

MAIL STOP NON-FEE AMENDMENT COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP NON-FEE AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Agent for Applicant(s

Date Mailed February 18, 2004

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TRANSMITTAL LETTER

Enclosed for filing in the application referenced above are the following:

- Response to Final Office Action
- No fee is required for the filing of this response. The Director is hereby authorized to charge any fees that may be required, or credit over-payment, to Deposit Account No. 02-4550. A copy of this sheet is enclosed.
- Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

Ву

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cc: Docketing

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RESPONSE TO FINAL OFFICE ACTION

This responds to the final Office action dated November 18, 2003.

Remarks begin on page 2.